

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 135-23,483-00-00

County Ness

Approx. 150' NW of East
C SW SW Sec. 29 Twp. 17S Rge. 24 X West

750 Ft. North from Southeast Corner of Section

4600 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

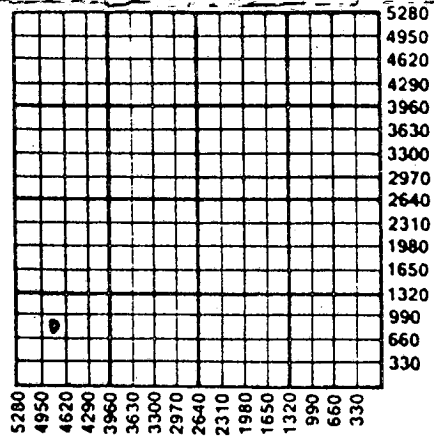
Lease Name Weeks Well # 1

Field Name Keilman

Producing Formation Fort Scott

Elevation: Ground 2420' KB 2425'

Total Depth 4465' PBTD



9-17-90

Amount of Surface Pipe Set and Cemented at 251 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set 1694' Feet

If Alternate II completion, cement circulated from 1694'

feet depth to surface w/ 350 sx cmt.

Operator: License # 7076

Name: Black Diamond Oil, Inc.

Address 3004 Broadway Avenue

City/State/Zip Hays, KS 67601

Purchaser: Farmland Industries Inc

Operator Contact Person: Kenneth Vehige

Phone (913)-625-5891

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Kenneth Vehige

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

8/9/90 8/16/90 9/7/90

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work!

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Kenneth Vehige

Title Owner/Operator Date 9/13/90

Subscribed and sworn to before me this 13th day of Sept. 19 90.

Notary Public Jolene H. Klaus
Jolene H. Klaus

Date Commission Expires 2/5/94

RECEIVED

STATE CORPORATION COMMISSION K.C. OFFICE USE ONLY

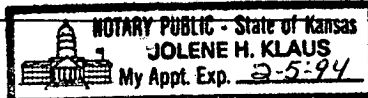
Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

SEP 26 1990
CONSERVATION DIVISION
Wichita, Kansas KGS

Distribution
 SWD/Rep NGPA
 Plug Other
(Specify)



SIDE TWO

Operator Name Black Diamond Oil, Inc. Lease Name Weeks Well # 1
 Sec. 29 Twp. 17S Rge. 24 East County Ness West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.) tickets attached
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description		
Name	Top	Bottom
Anhydrite	1710'	1744'
Heebner	3764'	
Lansing-K.C.	3806'	4101'
Fort Scott	4308'	
Mississippi	4412'	
T.D.	4465'	
Plugged back T.D.	4390'	

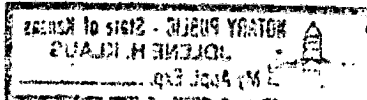
CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8"	N/A	251'	60/40Poz	150	2% Gel, 3%CC
Production	7 7/8	5 1/2"	N/A	4459.45	ASC	120	20 Bbl.WFR2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	4412-4415			250 gals. 15% MCA		4415	
4	4326.5-4329.5			500 gals. 15% MBA		4311	
4	4310-4312			1000 gals. 20% 20% NE Acid		4311	
				2000 gals. FE Acid w/ serv-sol		4310	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer At			
2 3/8"				4385'			
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
9/7/90							
Estimated Production Per 24 Hours		Oil	Bbls.	Gas	Mcf	Water	Bbls.
			37				-0-
				Gas-Oil Ratio		Gravity	

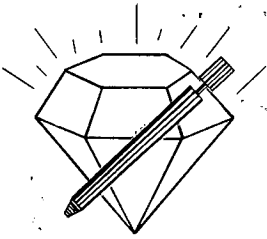
Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Plugged back T.D. 4390'





DIAMOND TESTING
 P. O. Box 157
HOISINGTON, KANSAS 67544
 (316) 653-7550
DRILL-STEM TEST TICKET

ORIGINAL

Company BLACK DIAMOND OIL Lease & Well No. WEEKS #1
 Contractor EMPHASIS Charge to BLACK DIAMOND OIL
 Elevation 2425 K.B. Formation FART SCOTT Effective Pay _____ Ft. Ticket No. J777
 Date 8/15-90 Sec. 29 Twp. 17 S Range 24 W County NESS State KANSAS
 Test Approved By [Signature] Diamond Representative [Signature]

Formation Test No. 1 Interval Tested from 4286 ft. to 4428 ft. Total Depth 4428 ft.
 Packer Depth 4285 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 4290 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4279 ft. Recorder Number 11017 Cap. 3800 P.S.I.
 Bottom Recorder Depth (Outside) 4422 ft. Recorder Number 11073 Cap. 4000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 43 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 12.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 7700 P.P.M. Drill Pipe Length 4268 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT RAN Test Tool Length 22 ft. Tool Size 3 1/2 in.
 Did Well Flow? NO Reversed Out _____ Anchor Length 135 ft. Size 4 1/2 in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Flow: STRONG BLOW (BTM BUCKET IN 6 INCHES)
 2nd Flow: STRONG BLOW (BTM BUCKET IN 10 INCHES)

Recovered 250 ft. of GAS IN PIPE
 Recovered 124 ft. of VSO T6CM (57% OIL 31% GAS 6% MUD)
 Recovered 372 ft. of HO T6CM (30% OIL 30% GAS 40% MUD)

Recovered <u>310</u> ft. of <u>GASSY MUD CUT OIL (20% GAS 30% MUD 50% OIL)</u>	Price Job
Recovered <u>62</u> ft. of <u>GASSY OIL CUT MUD WATER WATERY MUD</u>	Other Charges
Remarks: <u>TOTAL FLUID REC 868 868' (2% OIL 20% GAS 20% WATER 58% MUD)</u>	Insurance
<u>CHLORIDES OF REC INDICATES WATER FROM CAPAK FROM MUD SYSTEM</u>	Total
<u>BTM SAMPLE (CHLORIDES 9.000 PPM)</u>	

Time Set Packer(s) 7:50 (A.M./P.M.) Time Started Off Bottom 11:20 (A.M./P.M.) Maximum Temperature 120 °F
 Initial Hydrostatic Pressure _____ (A) 2177 P.S.I. SEP 14 1990
 Initial Flow Period _____ Minutes 30 (B) 50 P.S.I. to (C) 120 P.S.I.
 Initial Closed In Period _____ Minutes 45 (D) 1202 P.S.I.
 Final Flow Period _____ Minutes 60 (E) 183 P.S.I. to (F) 304 P.S.I.
 Final Closed In Period _____ Minutes 75 (G) 1220 P.S.I.
 Final Hydrostatic Pressure _____ (H) 2150 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

83-2627, Russell, Kansas
 616-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ORIGINAL

ALLIED CEMENTING CO., INC.

No. 7024

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date 8-9-90	Sec. 29	Twp. 17	Range 24	Called Out 6:30 PM	On Location 9:00 PM	Job Start 10:45 PM	Finish 11:30 PM
Lease Weeks	Well No. 1	Location Area N' to S.S. 1W5N1W1N			County Ness	State Ka	
Contractor Emphasis				Owner Black Diamond Oil Inc			
Type Job Surface				To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size 12 1/4	T.D. 252'						
Csg. 8 5/8	Depth 251'						
Tbg. Size	Depth						
Drill Pipe	Depth						
Tool	Depth						
Cement Left in Csg. 15	Shoe Joint						
Press Max.	Minimum						
Meas Line NO	Displace 15.3 BBL						
Perf.							

Charge To **Black Diamond Oil Inc**
 Street **3004 Broadway Ave.**
 City **Nays** State **Ko, 67601**
 The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No.
 X **Thomas Alm**

CEMENT

Amount Ordered	150 60/40 27% gel 37% cc		
Consisting of			
Common	90	5.00	450.00
Poz. Mix	60	2.25	135.00
Gel.	3	6.75	NIC
Chloride	5	20.00	100.00
Quickset			

EQUIPMENT

No.	Cementor	
# 158	Helper	
No.	Cementor	Jayson Drilling
Pumptrk	Helper	Bill S.
# 69	Driver	Bill W.
Bulktrk	Driver	

DEPTH of Job

Reference:	Pump trk charge	360.00
	Mileage	10.00
	1 8 5/8 TWP	40.00
	Sub Total	
	Tax	
	Total	410.00

Remarks: **Cement did circulate.**
4 bbl cement

Handling	150	.90	135.00
Mileage	10		45.00
		Sub Total	
		SEP 14 1990	
		Total	865.00

Floating Equipment
TOTAL \$ 1275.00
Disc = 255.00
\$ 1020.00

Thank You.

russell, Kansas
93-5861, Great Bend, Kansas

ORIGINAL Phone Plainville 913-434-2812
Phone Ness City 913-798-3842

ALLIED CEMENTING CO., INC. NO 7033

Home Office P. O. Box 31 Russell, Kansas 67665

New

Date	8-16-90	Sec.	29	Twp.	17S	Range	24W	Called Out	3:30 PM	On Location	5:00 PM	Job Start	8:45	Finish	9:15 PM	
Lease	Weeks	Well No.	1	Location				Ness city 4w 5n 1w 1/2n	County	Ness	State	Ks				
Contractor	Emphasis #7				Owner	SAME										
Type Job	LONG STRING				To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.											
Hole Size	7 7/8	T.D.	4465'													
Csg.	4459.45 5 1/2	Depth	4459.45'													
Tbg. Size		Depth														
Drill Pipe		Depth														
Tool	Port collar	Depth	1698'													
Cement Left in Csg.		Shoe Joint	21.25													
Press Max.		Minimum														
Meas Line	yes	Displace	108.28													
Perf.																

Charge To Black Diamond Inc.
Street 3004 Broadway Ave
City Hays State Ks 67601
The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No.
X Thomas Alun

CEMENT
Amount Ordered 120 ASC 20 BBL WFR 2

Consisting of
Common 120 ASC 7.00 840.00
Poz. Mix
Gel.
Chloride
Quickset

WFR II 840 lbs. .21 176.40

Handling 120 .90 108.00
Sales Tax
Mileage 10 Min 40.00

TOTAL \$ 4482.40
Disc - 896.48
3585.92
Sub Total
Total 1164.40

Floating Equipment
SEP 14 1990
4-5 1/2 cent. - 176.00
2-5 1/2 Baskets - 242.00
1-5 1/2 Insert - 180.00
1-5 1/2 Guide shoe - 119.00
1-5 1/2 Arrow Port collar - 1700.00
~~1-5 1/2 Arrow Port collar - 1700.00~~
\$ 2417.00

EQUIPMENT

Pumptrk	No.	Cementer	<u>Kris</u>
	<u>158</u>	Helper	<u>B. 119</u>
Pumptrk	No.	Cementer	
		Helper	
Bulktrk		Driver	<u>Johnny</u>
	<u>96</u>	Driver	

DEPTH of Job

Reference:		
10	Pump trk chg.	838.00
	m. lease	20.00
	Rubber Plug	43.00
	Sub Total	
	Tax	
	Total	901.00

Remarks: FLOAT Did Hold
15x. RAT hole
10x. mouse Hole

Thank you!

3-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

No. **6298**

New

Home Office P. O. Box 3111 to Russell, Kansas 67665

Date	8-29-90	Sec.	29	Twp.	17	Range	24	Called Out	11 AM	On Location	12:45 PM	Job Start	1:45 PM	Finish	3:30 PM
Lease	Weeks	Well No.	1	Location	4w 5n 12 E			County	Cross	State	Ks				
Contractor	Johns Cable Tools														
Type Job	Port Collier														
Hole Size	5 1/2"														
Csg.	2"														
Tbg. Size	4 1/2"														
Drill Pipe	Phyq Diamond														
Tool	Arrow														
Cement Left in Csg.	Shoe Joint														
Press Max	1000														
Meas Line	Displace														
Perf.	T.D. was 5000 ft of casing set in 1000 ft of bedrock at 1000 ft depth.														

EQUIPMENT

No.	Cementer	Bern
Pumptrk 158	Helper	Yonky m.
No.	Cementer	Bill's
Pumptrk	Helper	
	Driver	Billy Jacks
Bulktrk 199	Driver	

Purchase Order No.		
Amount Ordered	350	60% 6% gel
Consisting of		
Common	210	5.00 1050.00
Poz. Mix	140	2.25 315.00
Gel.	21	6.75 141.75
Chloride		
Quickset		
Handling	350	.90 315.00
Mileage	10	105.00
Sub Total		1926.75
Total		1926.75

DEPTH of Job		
Reference:	Pump truck	450.00
	mileage	10.00
	Sub Total	
	Tax	
	Total	460.00

Remarks: Cement did Circulate
 THANK YOU!

Floating Equipment
 TOTAL \$ 2386.75
 Disc 477.35
 \$ 1909.40

SEP 14 1990

